Figure 2a

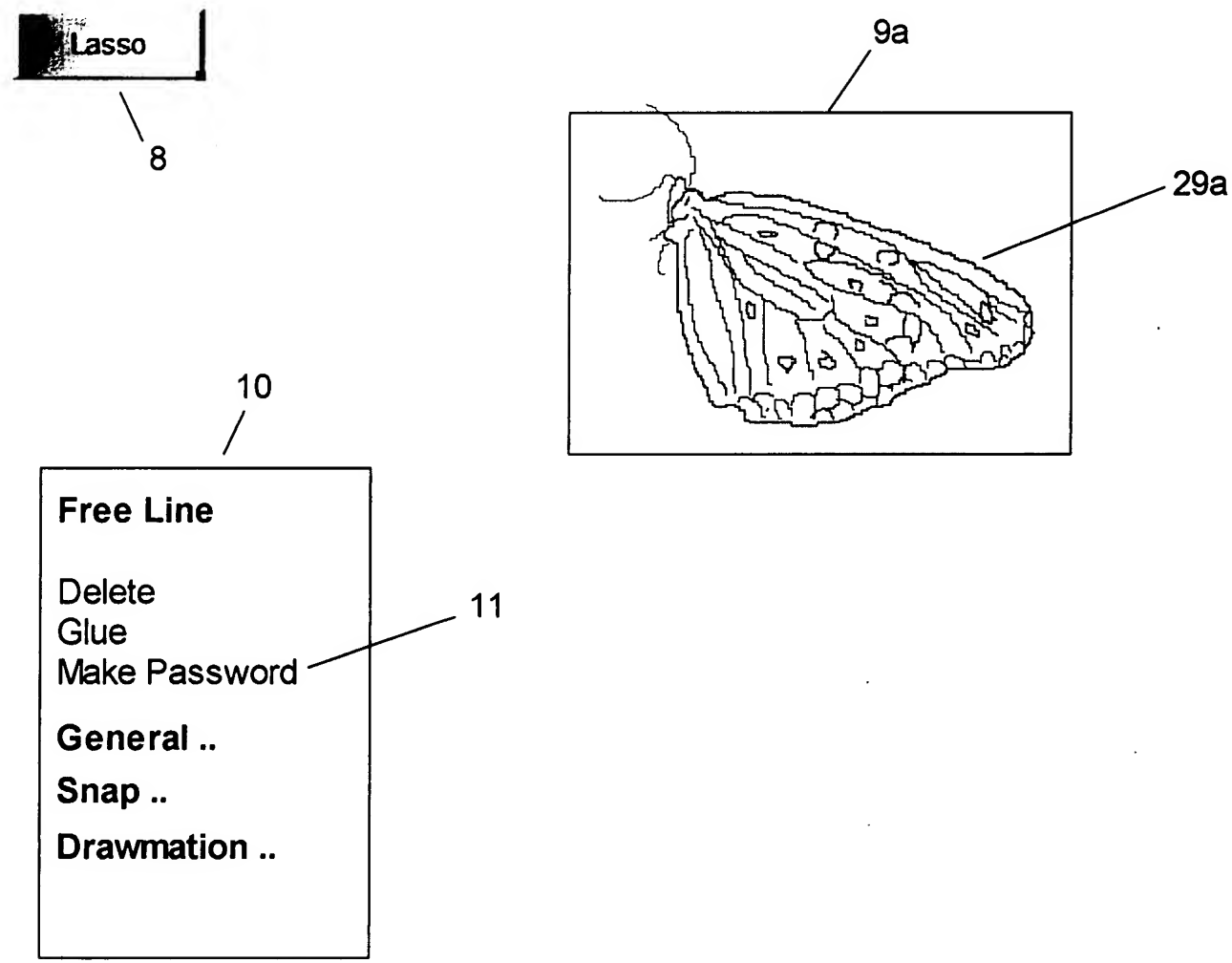

Lasso
8
9a
29a
10
Free Line
Delete
Glue
Make Password
11
General ..
Snap ..
Drawmation ..

Figure 2b

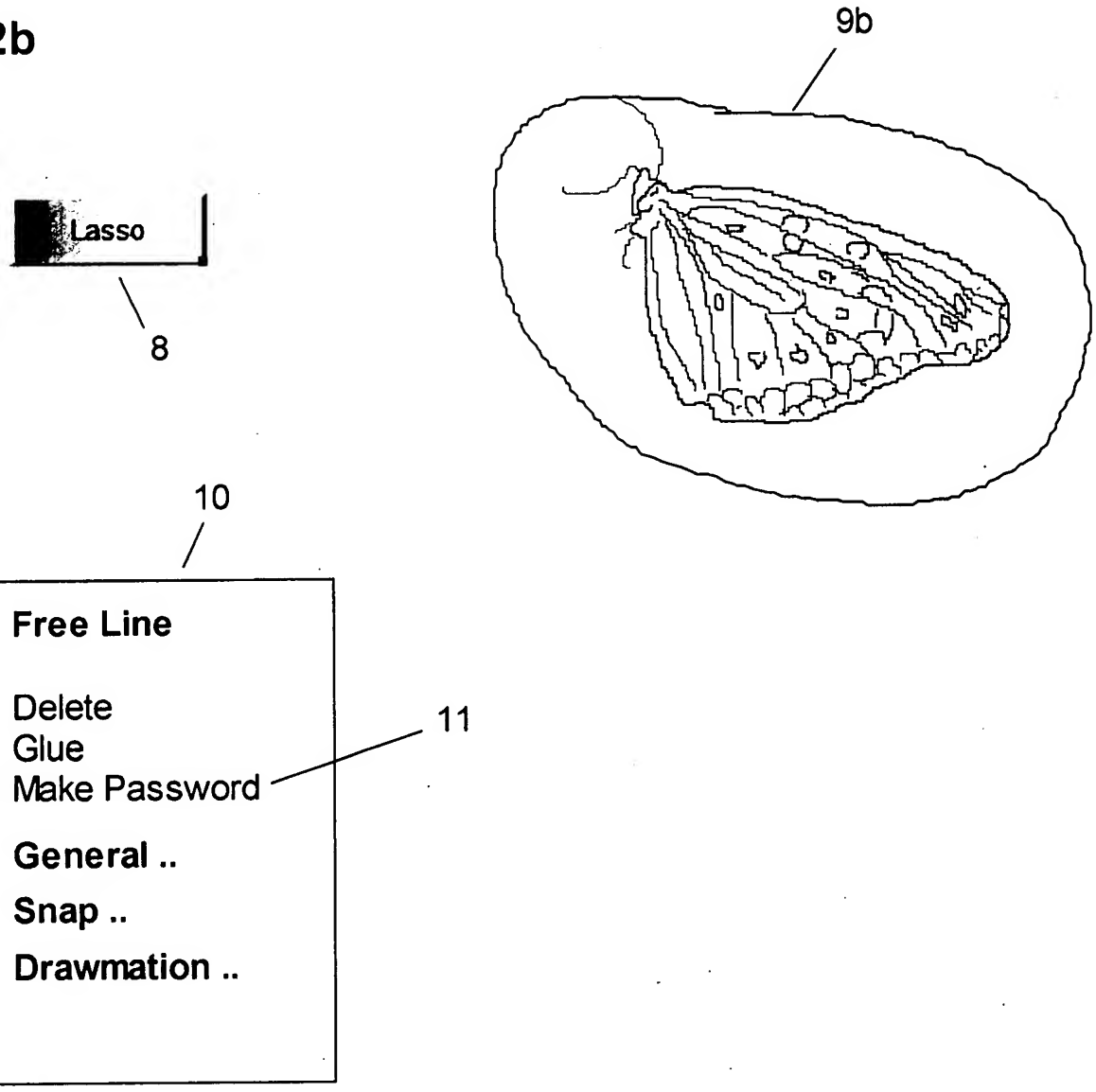

9b
Lasso
8
10
Free Line
Delete
Glue
Make Password
11
General ..
Snap ..
Drawmation ..

Figure 3

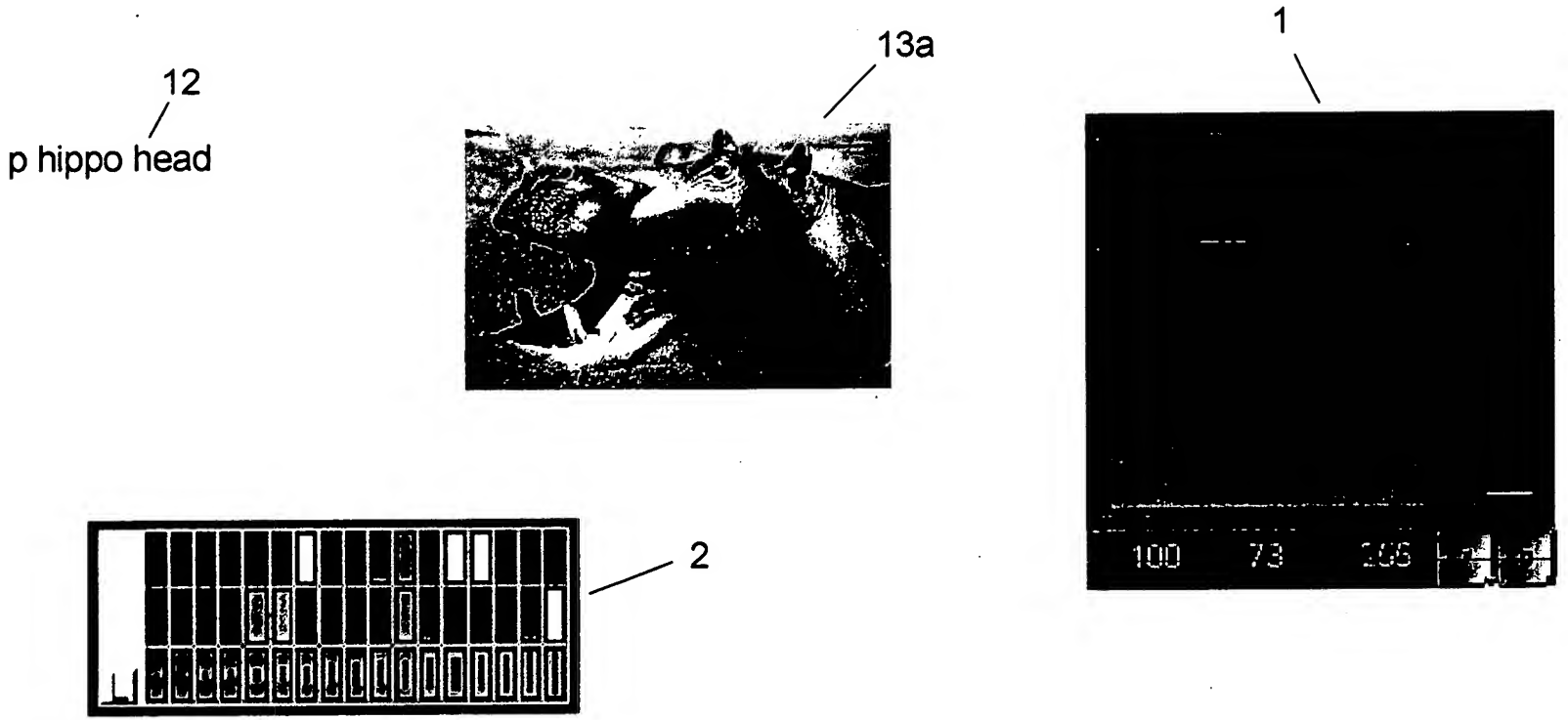
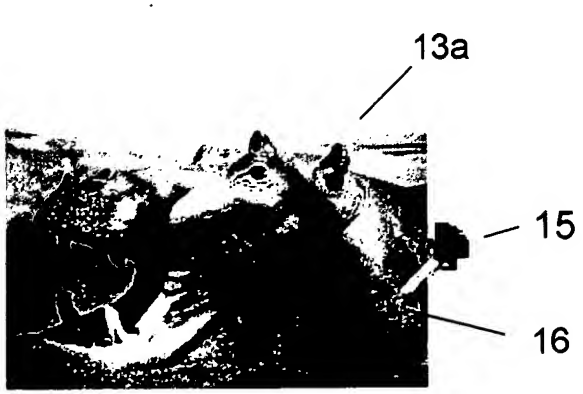


Figure 4a



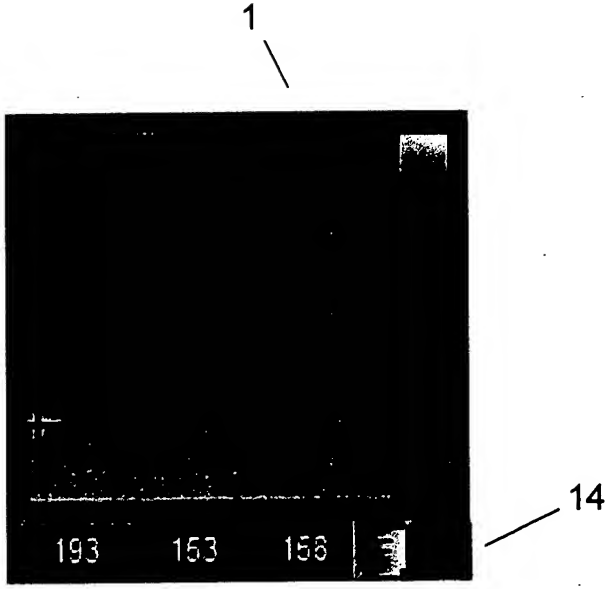


Figure 4b

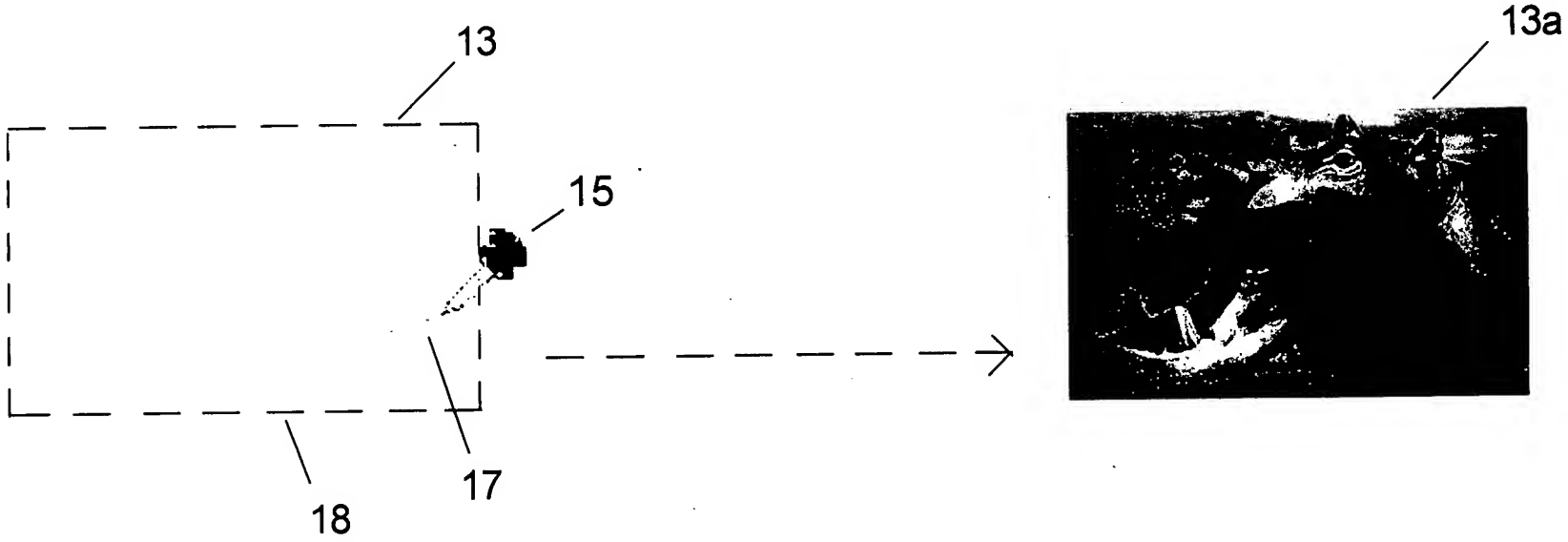


Figure 5a

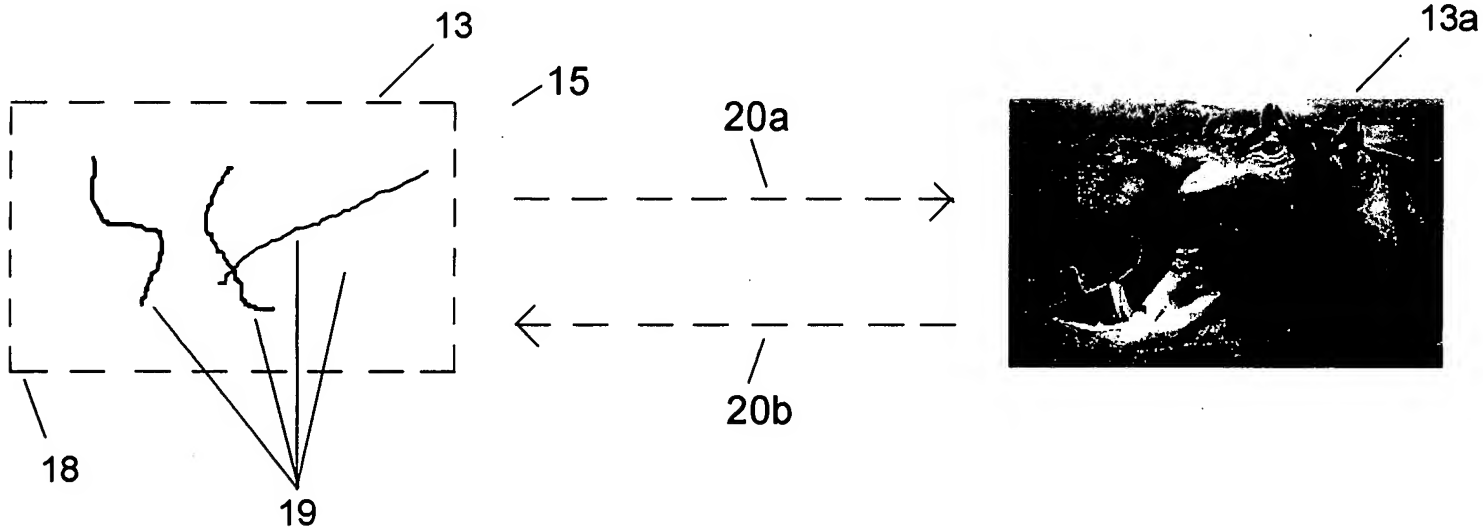


Figure 5b

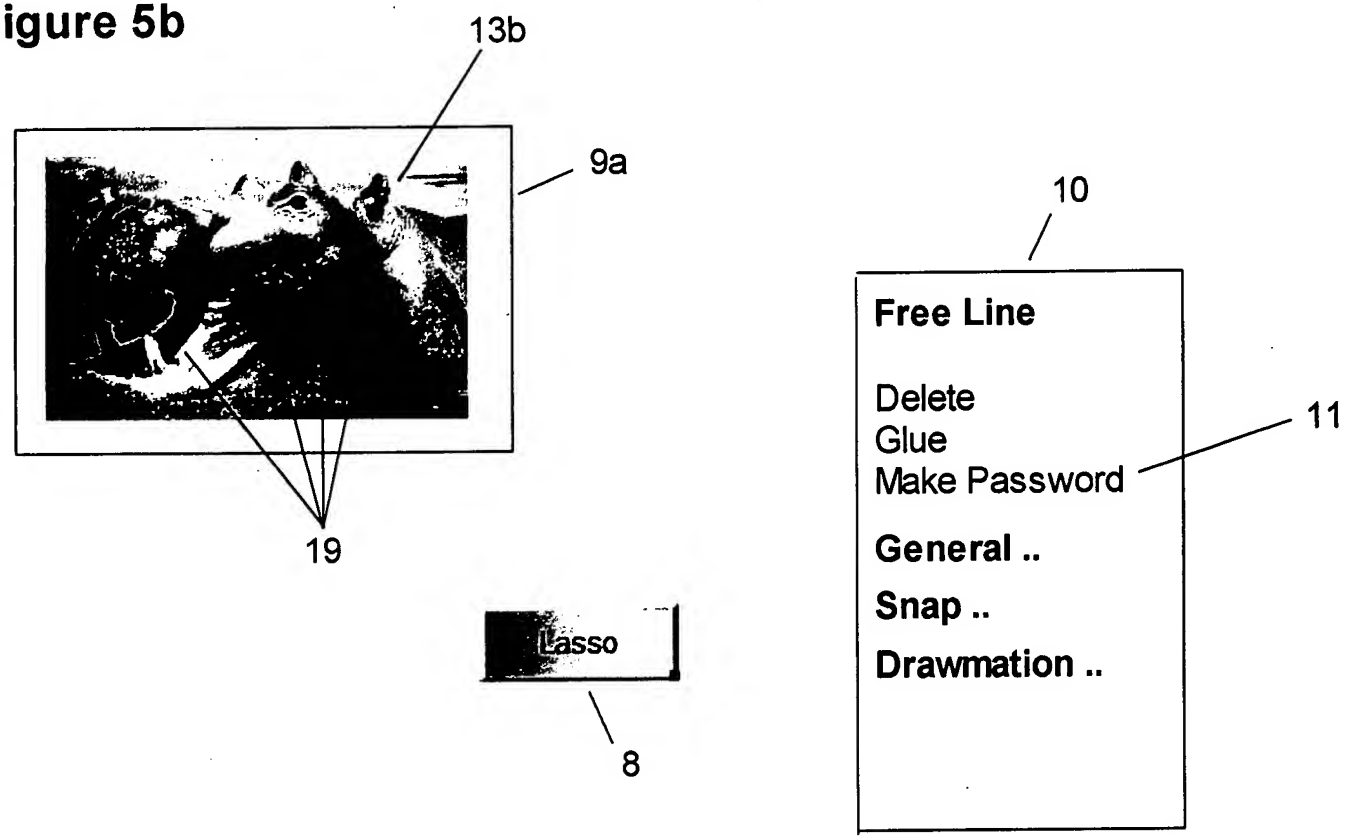

13b
9a
19
Lasso
8
10
Free Line
Delete
Glue
Make Password
11
General ..
Snap ..
Drawmation ..

Figure 6a

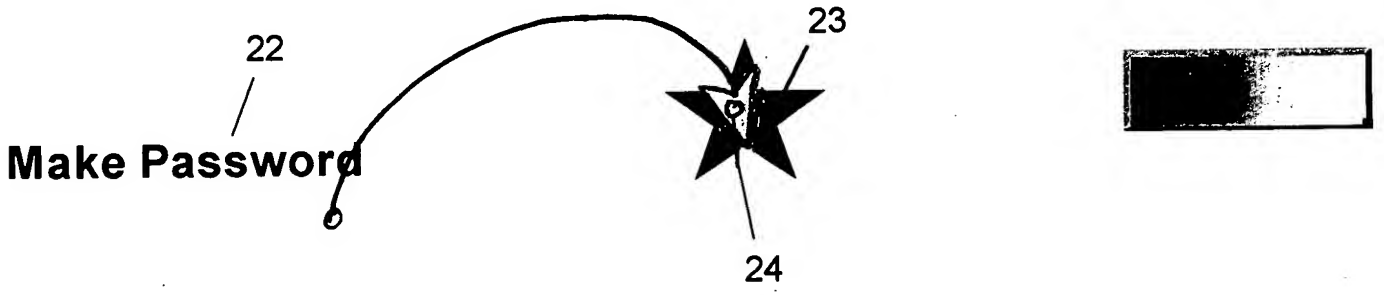


Figure 6b

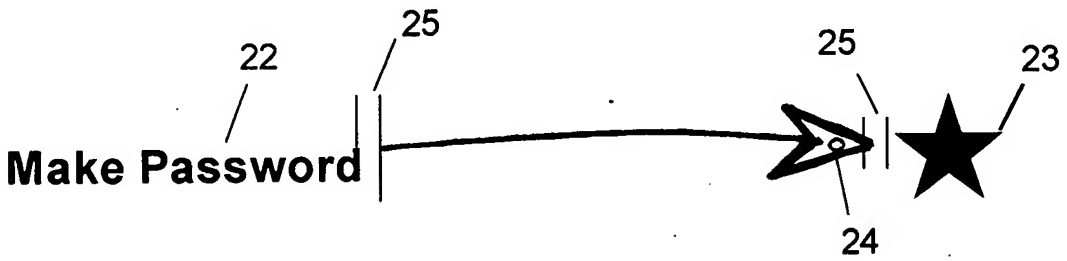
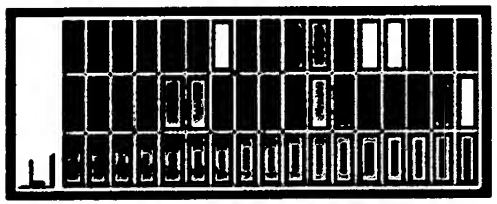


Figure 7



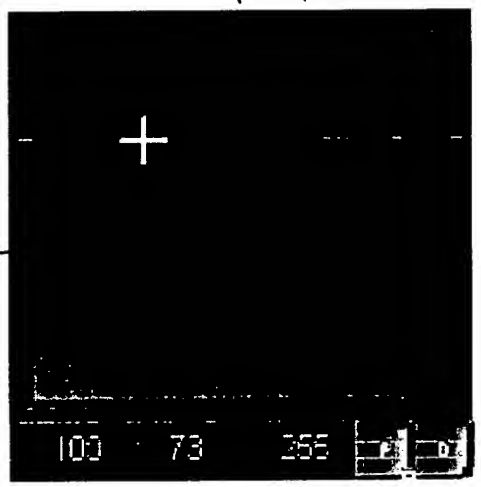
2

13a

26

Hippo head.png

1



27

10

Image

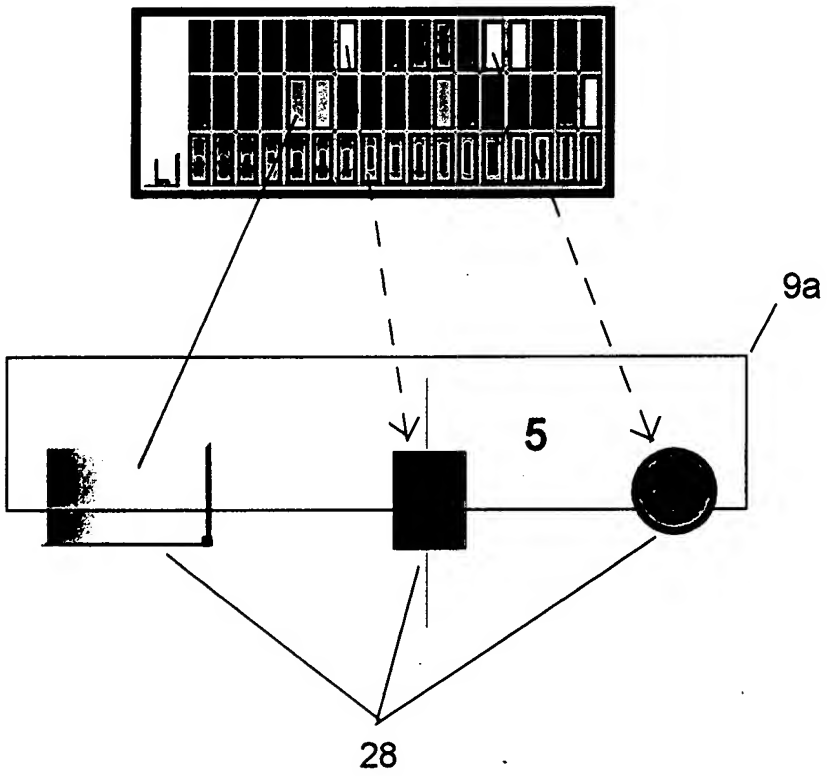
Delete
Glue
Make Password

Password Setup ..

27

Use graphical order
Use file name
Use file type
Use added graphics
Use graphics positions

Figure 8


9a
5
28

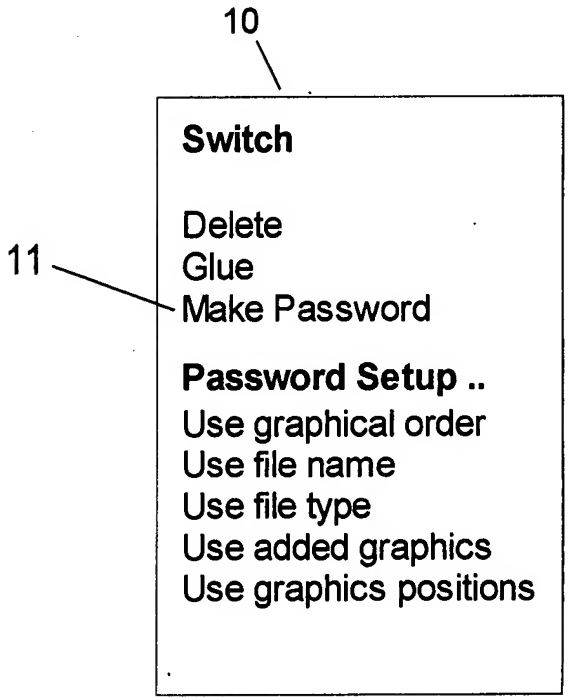

10
Switch
Delete
Glue
Make Password
11
Password Setup ..
Use graphical order
Use file name
Use file type
Use added graphics
Use graphics positions

Figure 9

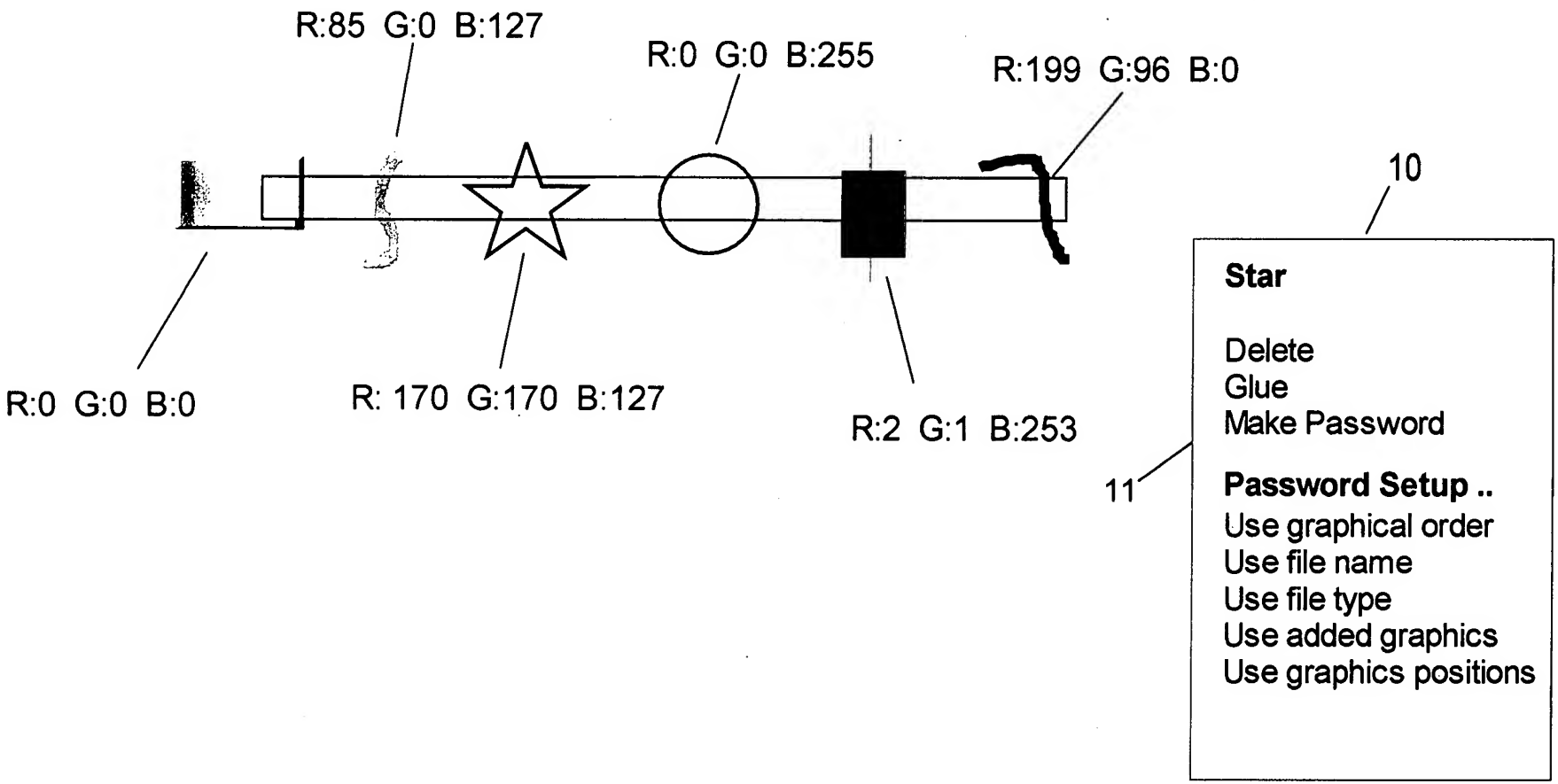

R:85 G:0 B:127
R:0 G:0 B:255
R:199 G:96 B:0
10
R:0 G:0 B:0
R: 170 G:170 B:127
R:2 G:1 B:253
Star
Delete
Glue
Make Password
11
Password Setup ..
Use graphical order
Use file name
Use file type
Use added graphics
Use graphics positions

Figure 10

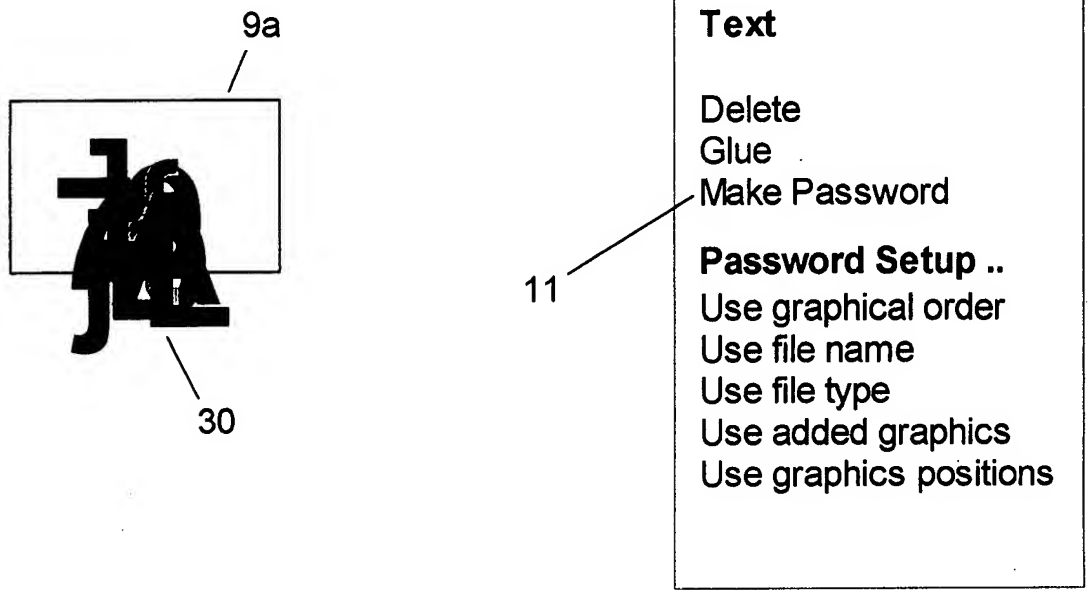

9a
30
10
11
Text
Delete
Glue
Make Password
Password Setup ..
Use graphical order
Use file name
Use file type
Use added graphics
Use graphics positions

Figure 11a

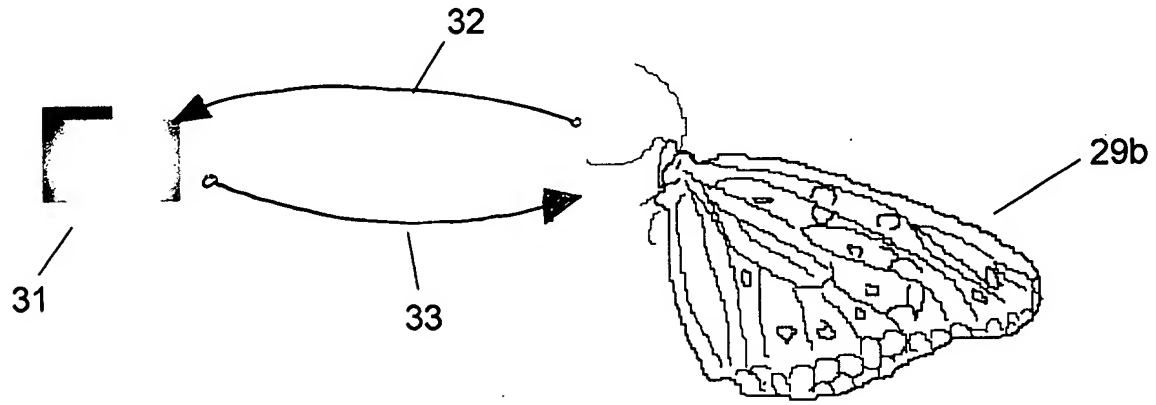


Figure 11b

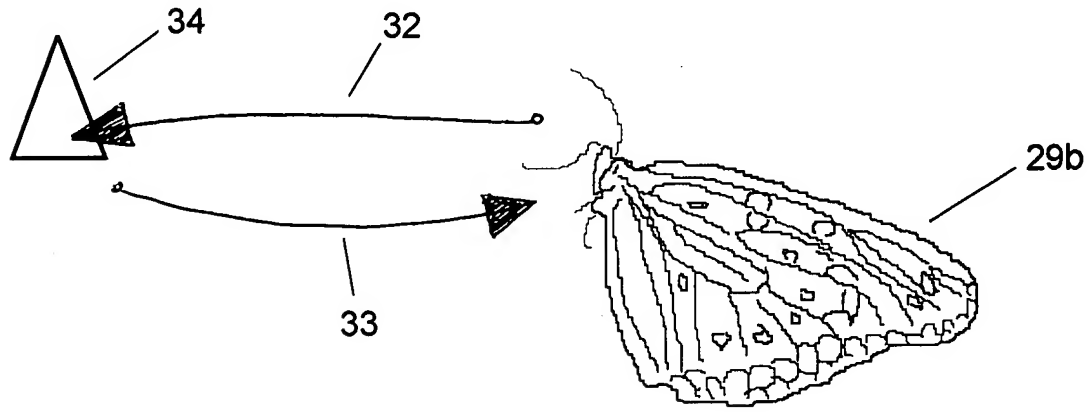


Figure 11c

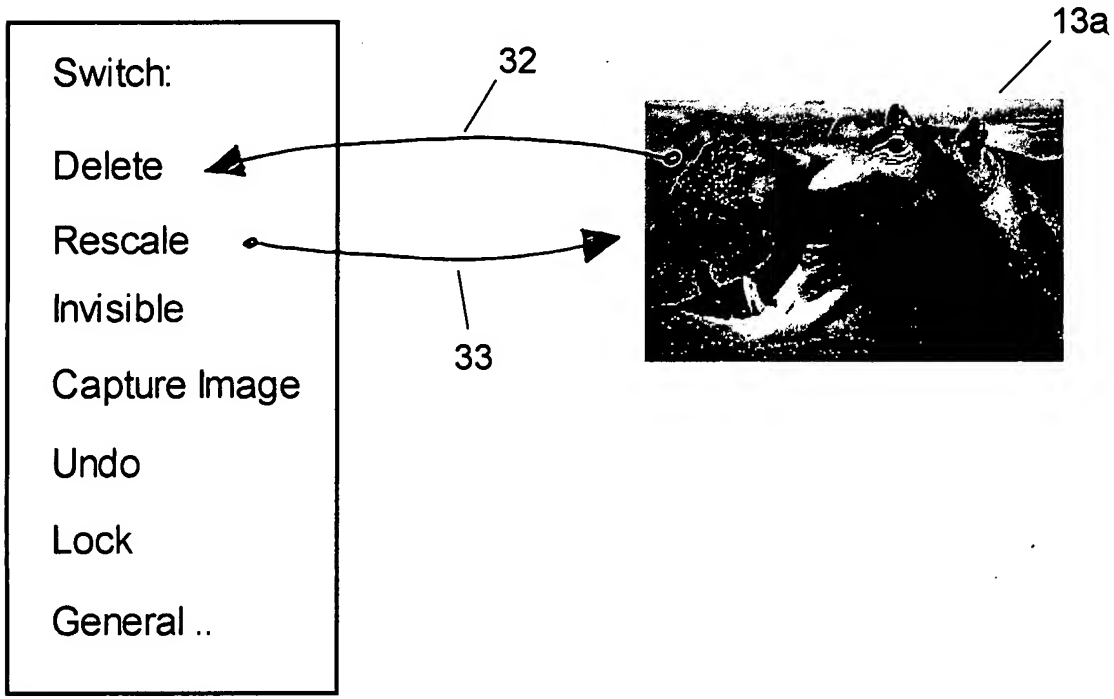

Switch:
Delete
Rescale
Invisible
Capture Image
Undo
Lock
General ..
32
33
13a

Figure 12a

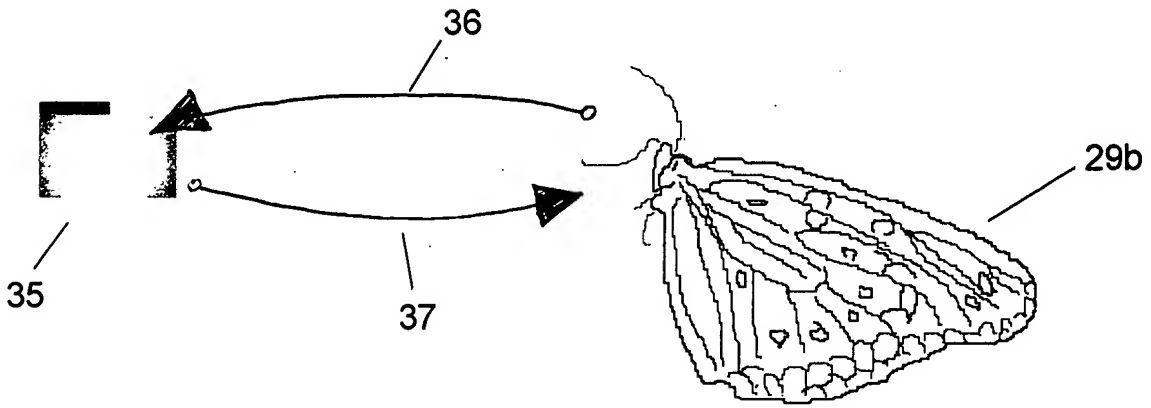


Figure 12b

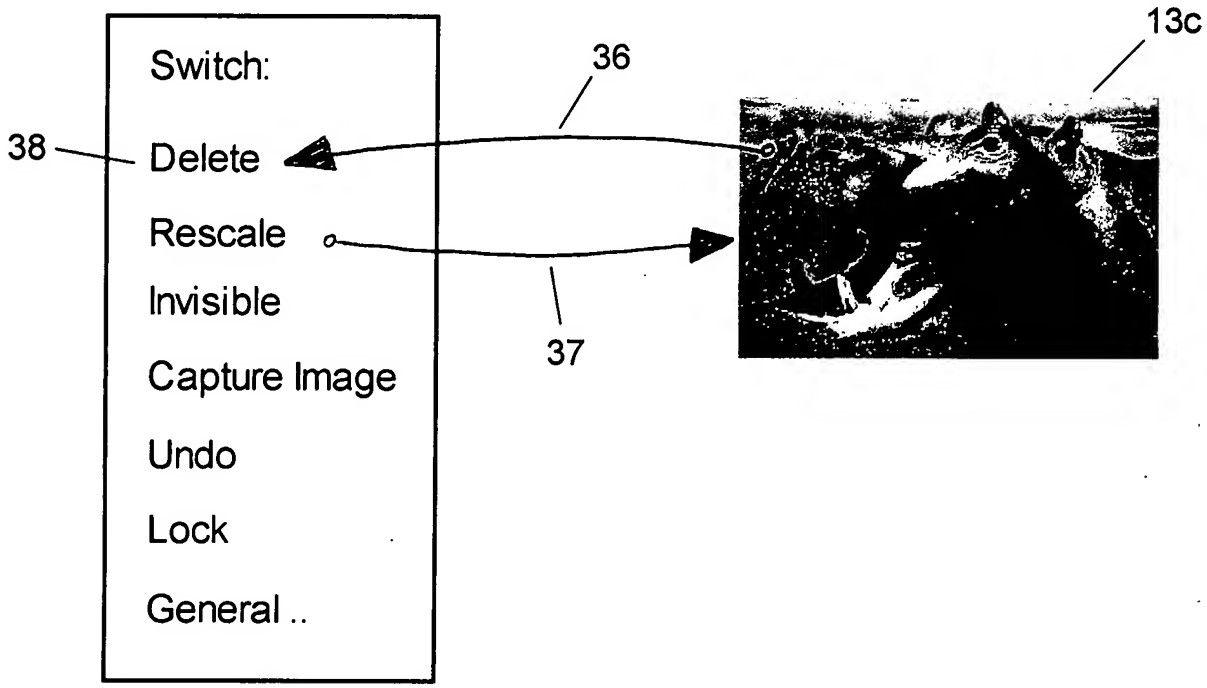
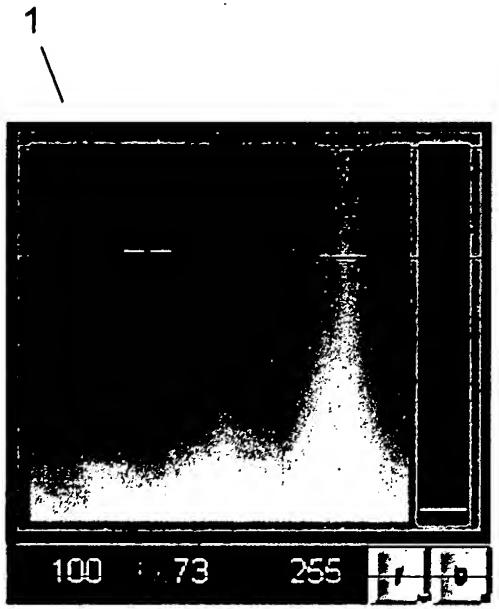
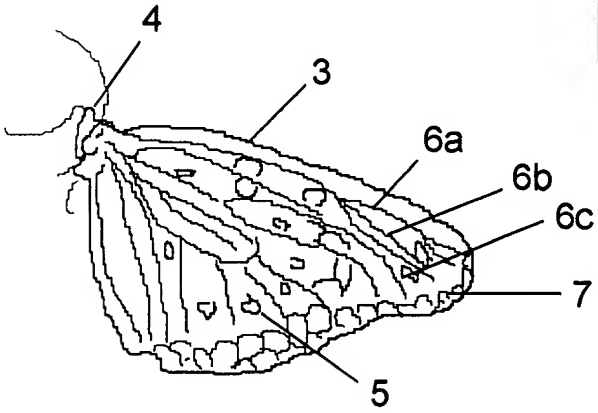
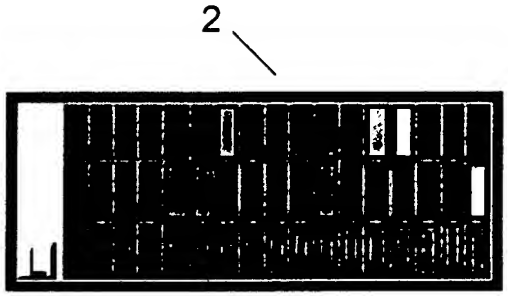

Switch:
Delete
Rescale
Invisible
Capture Image
Undo
Lock
General ..
38
36
37
13c

Figure 1







User	Software
Lasso graphic objects	Create glue list and add each graphic to the list
Apply Make Password command	Copy the graphic objects from the glue list to the password glue list

FIG. 13

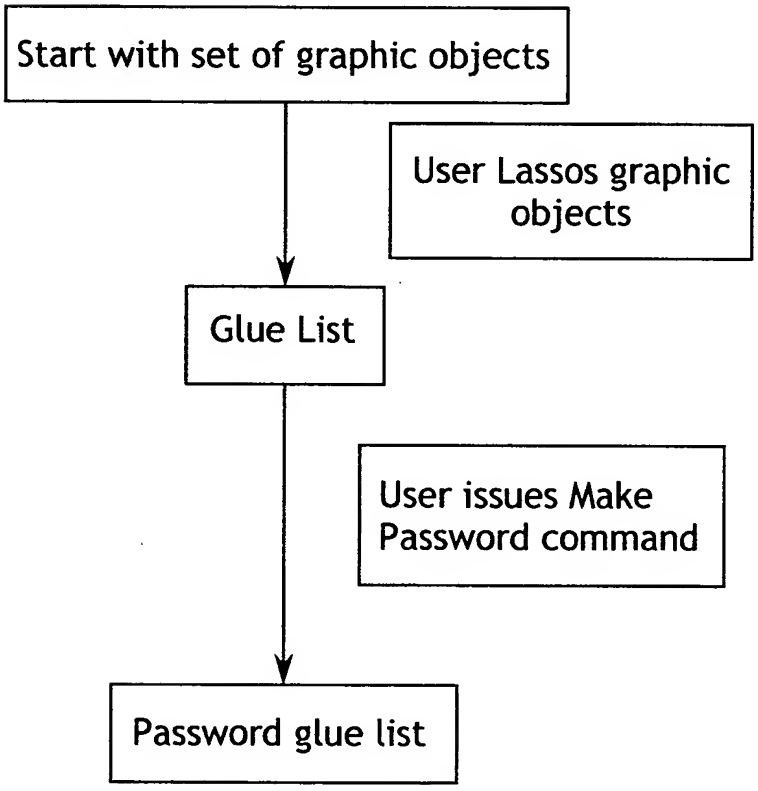


FIG. 14

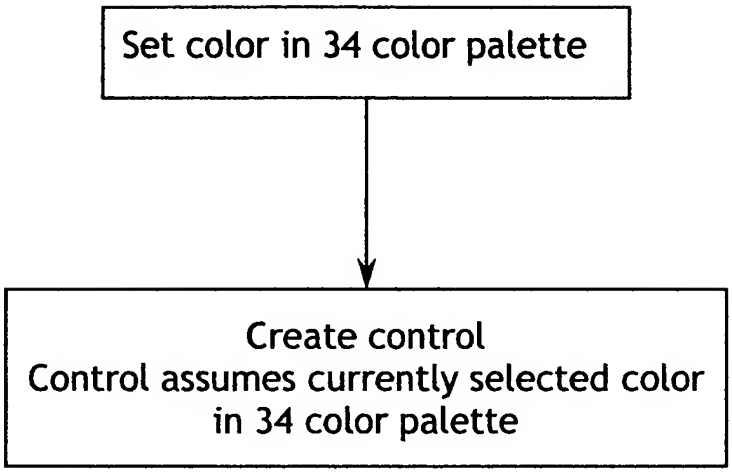

Set color in 34 color palette
Create control
Control assumes currently selected color in 34 color palette

FIG. 15

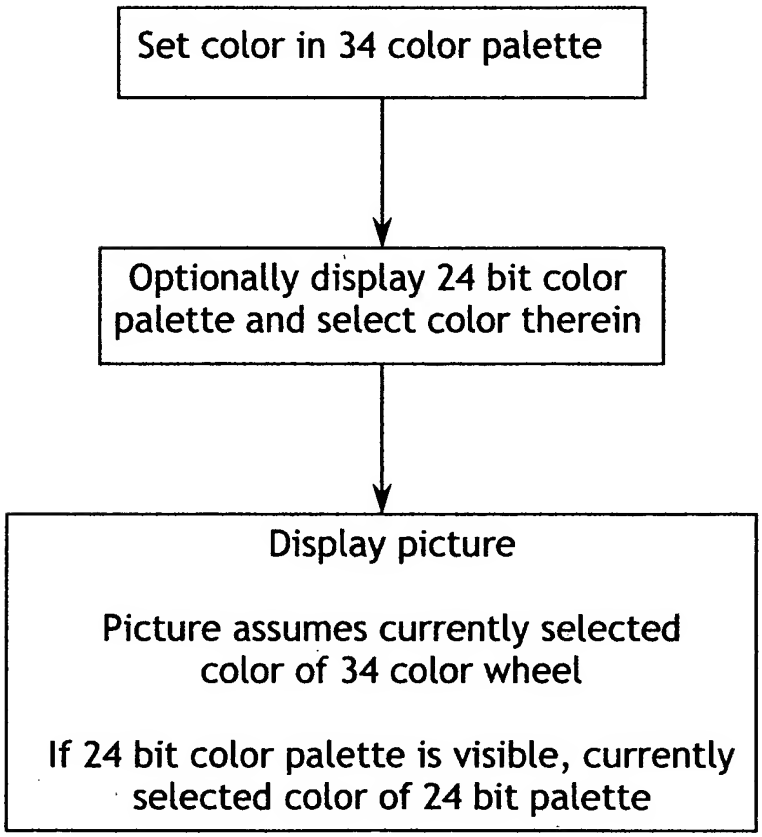

Set color in 34 color palette
Optionally display 24 bit color palette and select color therein
Display picture
Picture assumes currently selected color of 34 color wheel
If 24 bit color palette is visible, currently selected color of 24 bit palette

FIG. 16

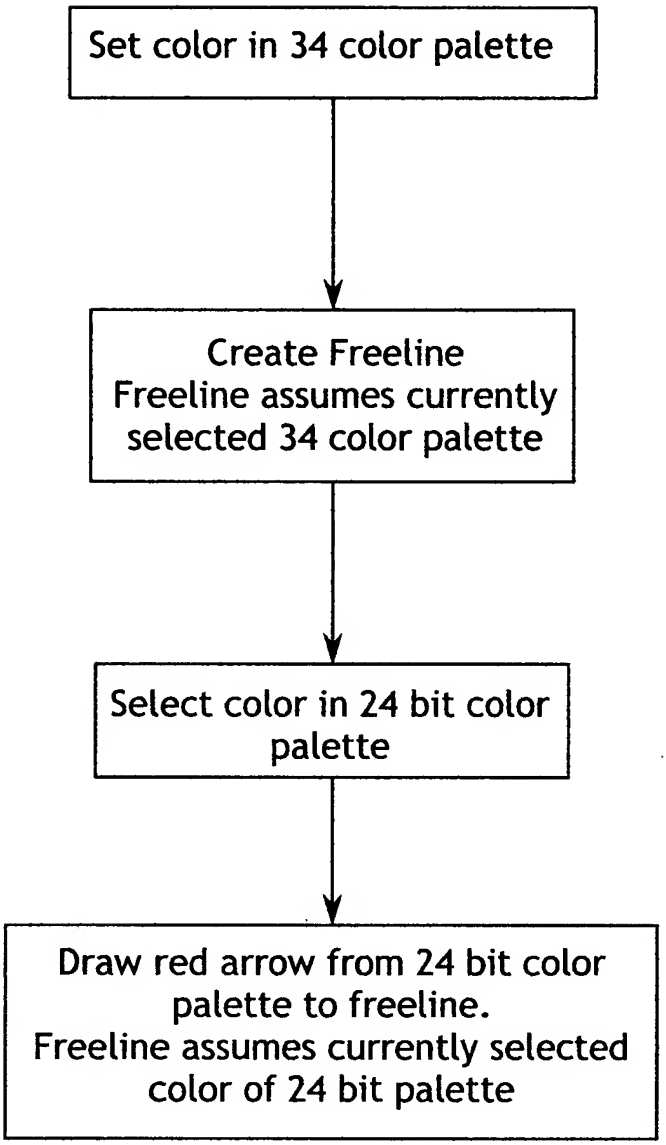

Set color in 34 color palette
Create Freeline
Freeline assumes currently selected 34 color palette
Select color in 24 bit color palette
Draw red arrow from 24 bit color palette to freeline.
Freeline assumes currently selected color of 24 bit palette

FIG. 17

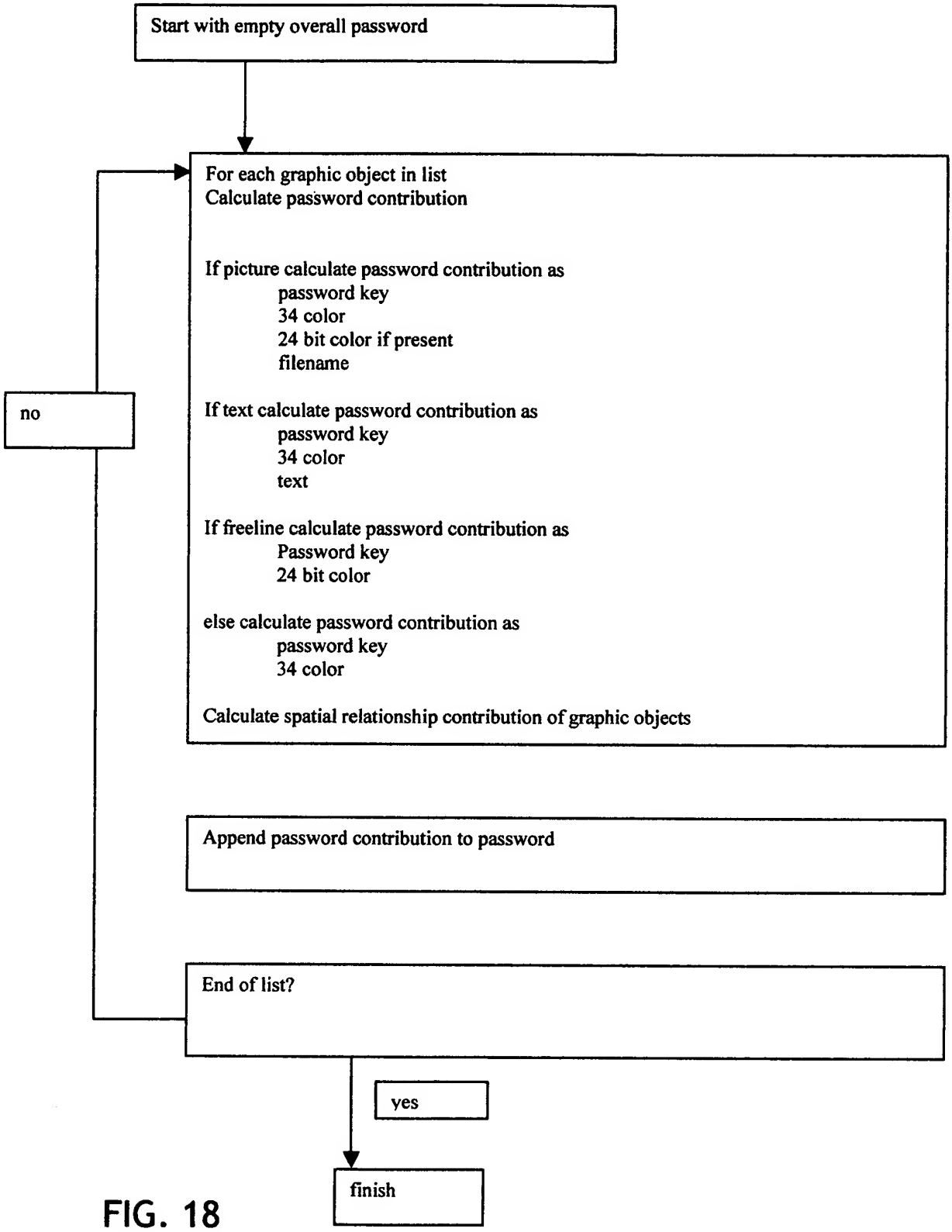

Start with empty overall password
For each graphic object in list
Calculate password contribution
If picture calculate password contribution as
password key
34 color
24 bit color if present
filename
If text calculate password contribution as
password key
34 color
text
If freeline calculate password contribution as
Password key
24 bit color
else calculate password contribution as
password key
34 color
Calculate spatial relationship contribution of graphic objects
no
Append password contribution to password
End of list?
yes
finish

FIG. 18

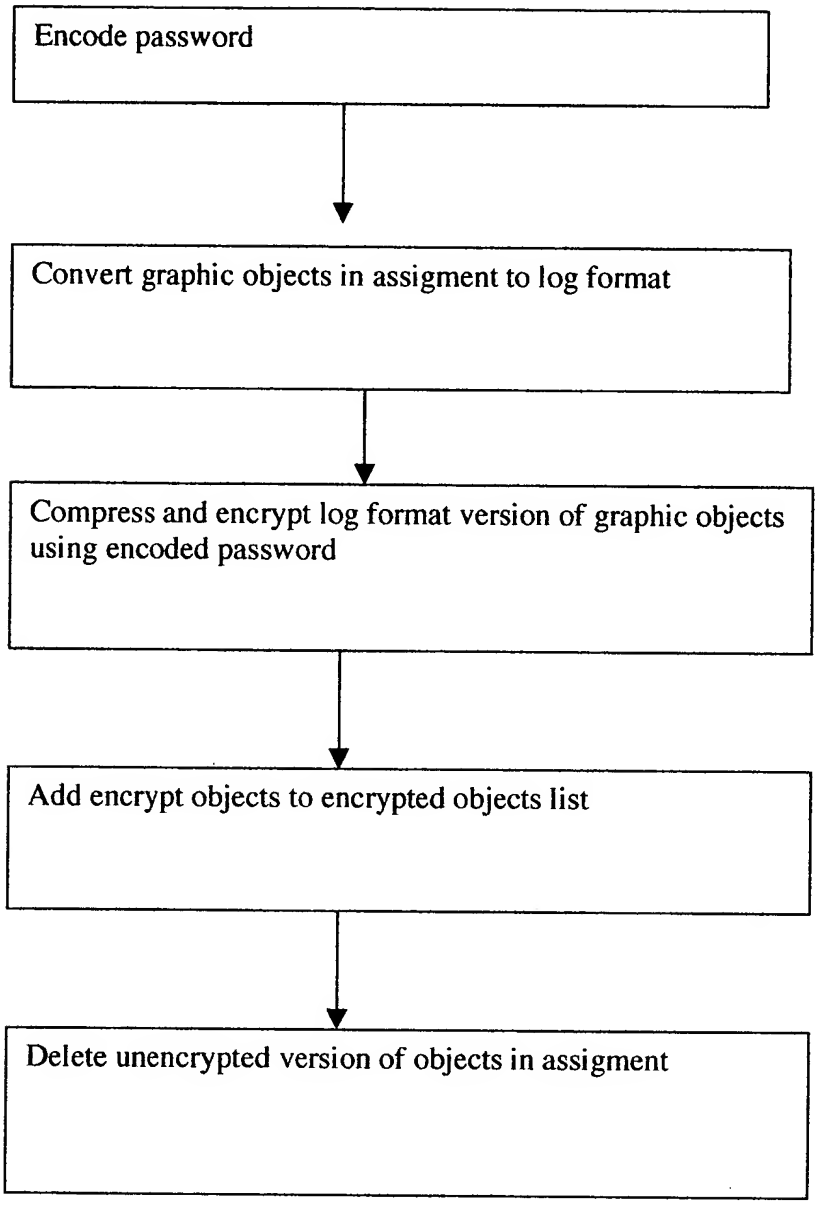

Encode password
Convert graphic objects in assigment to log format
Compress and encrypt log format version of graphic objects using encoded password
Add encrypt objects to encrypted objects list
Delete unencrypted version of objects in assigment

FIG. 19

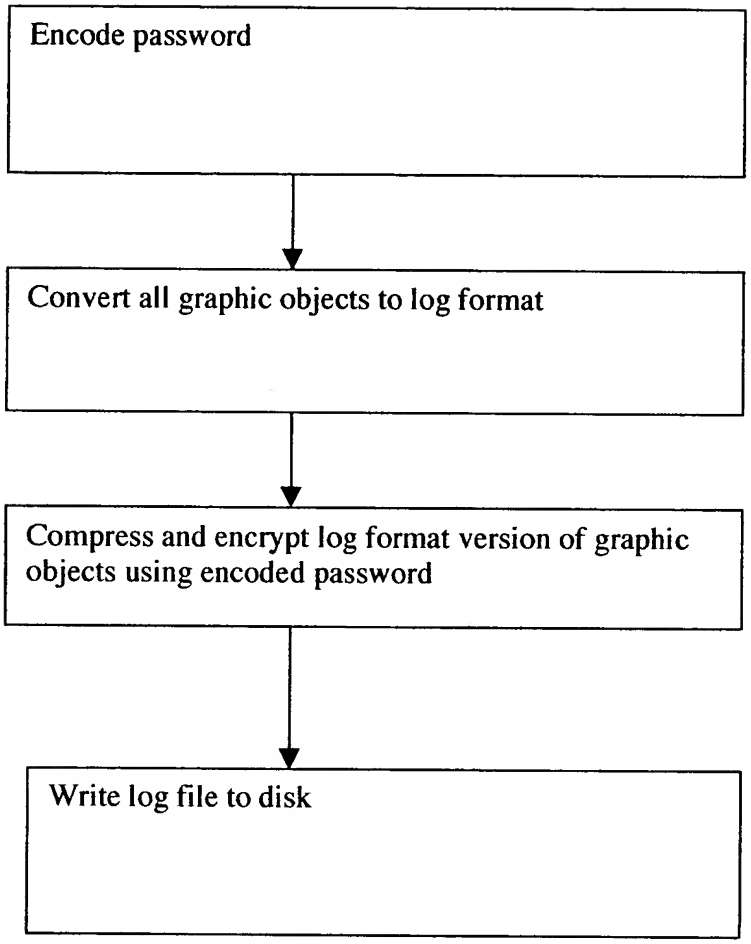

Encode password
Convert all graphic objects to log format
Compress and encrypt log format version of graphic objects using encoded password
Write log file to disk

FIG. 20